

CLAIM AMENDMENTS

1. (Amended) A fibre having a maximum use temperature of 1200°C or more which comprises:-

$\text{SiO}_2 > 64.25 \text{ wt\%}$

$\text{CaO} > 18 \text{ wt\%}$

$\text{MgO} < 17 \text{ wt\%}$

and in which the amount of MgO in mol% is greater than the amount of CaO in mol%

and in which the SiO_2 excess as specified is no greater than 21.8 mol%.-

2. (Originally presented) A fibre as claimed in claim 1 and comprising:-

$\text{CaO} < 21 \text{ wt\%}$.

3. (Originally presented) A fibre as claimed in claim 2 and comprising:-

$\text{CaO} < 20.5 \text{ wt\%}$.

4. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

$\text{CaO} > 19 \text{ wt\%}$.

5. (Amended) A fibre as claimed in claim 4 and comprising:-

$\text{CaO} > 19.5 \text{ wt\%}$.

6. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

$\text{MgO} > 14.25 \text{ wt\%}$.

7. (Originally presented) A fibre as claimed in claim 6 and comprising:-

$\text{MgO} > 14.75 \text{ wt\%}$.

8. (Originally presented) A fibre as claimed in claim 7 and comprising:-

$\text{MgO} > 15.25 \text{ wt\%}$.

9. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

MgO < 16 wt%.

10. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

SiO₂ 65 +/- 0.5 wt%

CaO 20 +/- 0.5 wt%

MgO 15 +/- 0.5 wt%.

11. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

SiO₂ 64.5 – 64.7 wt%

CaO 19.5 – 20.2 wt%

MgO 15.5 – 15.6 wt%.

12. (Previously Amended) A fibre as claimed in claim 1 and comprising:-

SiO₂ about 65 wt%

CaO about 19.5 wt%

MgO about 15.5 wt%.

13. (Previously Amended) A fibre as claimed in claim 1 and consisting

essentially of:-

CaO 18.7 to 20.2 wt%

MgO 14.47 to 15.9 wt%

SiO₂ 64.5 to 65.1 wt%

Al₂O₃ 0 to 0.56 wt%.